

Bharatiya Vidya Bhavans, V.M. Public School

Date:	Chapter-7	Subject: Science
Class: VI	Name of the student:	

1. Fill in the blanks
 - (a) _____ is a homogeneous mixture of a solute dissolved in a solvent.
 - (b) The solubility of a substance _____--with decrease in temperature.
 - (c) The process of separation of impurities using hands is called_____
 - (d) _____ is done to extract butter from milk.
 - (e) The method of separating seeds of paddy from its stalks is called_____
2. Write two examples of each of the following:
 - (a) Methods used for separating a mixture of two solids
 - (b) Foodstuffs that are cleaned by threshing
 - (c) Methods used to separate a mixture of sand and water
 - (d) Methods used to separate a mixture of salt and water
3. Why is filtration better than decantation?
4. Explain how a farmer separates grains from many bundles of stalks of grains.
5. Can more sugar be dissolved in a saturated solution of sugar and water after the solution has been heated?
6. Multiple choice questions:
 - (1) Changing a liquid into its vapour state is called:
 - (a) Evaporation (b) boiling (c) distillation (d) condensation
 - (2) Distilled water contains:
 - (a) Soluble impurities (b) insoluble impurities (c) both (a) and (b) (d) no impurities
 - (3) Cleaning of rice is done through:
 - (a) Filtration (b) condensation (c) distillation (d) sedimentation
 - (4) Rice and stones can be separated by
 - (a) Threshing (b) sieving (c) evaporation (d) filtration
 - (5) Which of the following is the best way of separating wheat from husk?
 - (a) Threshing (b) sieving (c) winnowing (d) handpicking
 - (6) Which method should be used for separating peanuts from a mixture of rice and pulses?
 - (a) Winnowing (b) handpicking (c) threshing (d) all of these
7. Can you think of a way to get clear water from muddy water?
8. Sumit wants to have a glass of chilled lime juice. But he wants it quick and decides to add plenty of ice to it. Should he add the ice cubes before or after adding sugar?
9. Amit bought a certain candy that made a “pop” sound in his mouth? What do you think could be the reason?
10. Is filtration alone enough to clean dirty water?